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PATENT ABSTRACTS OF JAPAN

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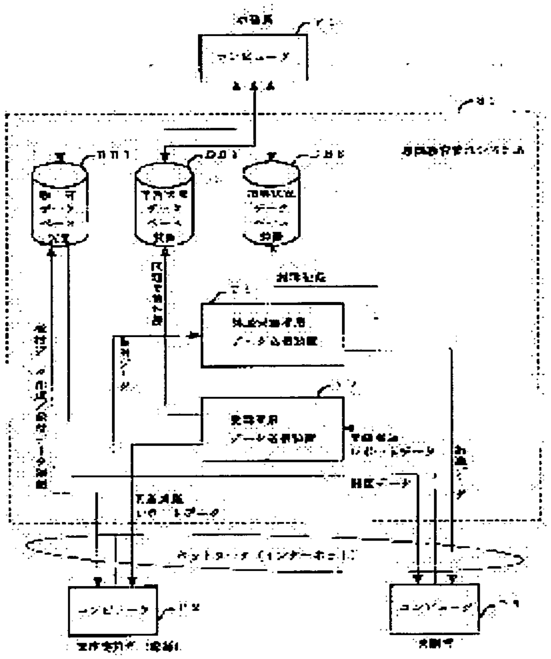
(54) REMOTE EDUCATION MANAGEMENT SYSTEM

(57)Abstract:
PROBLEM TO BE SOLVED: To provide a remote education management system which uses a network, makes the guidance conditions and working conditions to be implemented easily graspable by lecture executors (lecturers) and is capable of dealing with data disappearance.
SOLUTION: The data transmission and reception carried out heretofore between the lecture executors (lecturers) and students are carried out through a data transmitter disposed within the remote education management system and the recording of the transmission data is carried out, thereby, the management of the guidance condition is made possible. The contents of the data themselves are copied and saved in recording the transmission data, thereby, the system capable of dealing with the data disappearance can be obtained.



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CLAIMS

[Claim(s)]
[Claim 1] The remote instructional management system which supervises a lecture operation person's (lecturer) instruction situation, and performs service evaluation in the remote education using a network by saving the record to the database equipment on a remote instructional management system at the same time a lecture operation person (lecturer) sends instruction data to a participant.
[Claim 2] The remote instructional management system according to claim 1 characterized by preventing data missing by the operation mistake by copying and saving a lecture operation person's (lecturer) instruction data to database equipment in said remote instructional management system.

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DETAILED DESCRIPTION

[Detailed Description of the Invention]
[0001]
[Field of the Invention] This invention relates to the remote educational approach and equipment using a network.
[0002]
[Description of the Prior Art] Generally in addition to the conventional teaching materials, such as printed matter, it is carried out by the remote educational approach using a network by transmitting and receiving teaching-materials data and training problem data with various elements, such as an alphabetic character, an image, voice, and an image, by computer etc. A participant will solve the problem, if the training problem data received by computer is received, and he transmits through a network as report data, and a lecture operation person (lecturer) receives him. A lecture operation person (lecturer) corrects and evaluates the received data, adds instruction, and transmits to an attendance student as evaluation and instruction data. The fine education (lesson) which exchanges one to one according to this activity of a series of was able to be performed.
[0003]
[Problem(s) to be Solved by the Invention] In the remote educational system using a network with a big scale, in order that a lecture operation person (lecturer) and a participant might communicate directly, the problem that the instruction situation or service situation over the lecture could not be grasped about a lecture operation person (lecturer) in the secretariat in the position of managing a lesson and a lecture operation person (lecturer) had occurred. Moreover, in order to transmit and receive immediate data, when data were lost by accident or the operation mistake, the problem that correspondence was impossible in a secretariat was also generated. It is made in order that this invention may solve this problem, and it is in offering the remote instructional management system which can perform easily management of an attendance student and a lecture operation person in a remote educational system.
[0004]
[Means for Solving the Problem] In order to attain the purpose mentioned above the description of this invention The secretariat which is a manager in the remote educational system using a network, The data source for each of three persons of the lecture operation person (lecturer) who is a person in charge of a lesson, and a participant to have connected with a network by computers, such as a personal computer, and send instruction data etc. to a participant from a lecture operation person (lecturer), It is in having database equipment which can save record of the time at the time of transmitting using these data sources etc. Moreover, data missing can be prevented if it enables it to copy and save the instruction data itself at database equipment.
[0005]
[Embodiment of the Invention] Hereafter, based on the attached drawing, one desirable example of this invention is explained in full detail. Drawing 1 shows the remote educational system applied to this invention. In this system, the personal computer of the secretariat which is a manager, the lecture operation person (lecturer) who is a person in charge of a lesson, and a participant is connected to the remote instructional management system (S1) by each via the network. In a remote instructional management system, there are three database equipments, the teaching-materials database (DB1) which sends educational contents to a participant, the study situation database (DB2) which records a participant's study situation, and the instruction situation database which performs a lecture operation person's (lecturer) instruction record. Moreover, it has the data source for lecture operation persons (T1), and the data source for participants (T2) so that educational data, such as questions-and-answers data and problem institution / report presentation data which go back and forth between a participant and a lecture operation person (lecturer), can transmit and receive you to be Sumiya.
[0006] A participant connects with the teaching-materials database (DB1) which is in a remote instructional management system first, takes out teaching-materials data from here, and checks the contents by computer for participants (P3). It not only not necessarily sees teaching materials on a computer, but they may use tape teaching materials, such as printed matter, and a CD-ROM medium, video/cassette, separately. A participant tackles the problem raised here, summarizes the result answered on the problem, and transmits to the data source for participants (T2) as report data. In this data source (T2), the fact of having transmitted problem operation data is recorded on a study situation database (DB2) with the publication of time etc. at the same time it transmits the sent problem operation report data to a lecture operation person (lecturer) automatically. A lecture operation person (lecturer) adds evaluation to the sent problem operation data, and transmits to the data source for lecture operation persons (T1) similarly as instruction data. the fact of having transmitted instruction data while transmitting automatically the data which also received this equipment to the participant -- publications, such as time, -- ** -- it records on an instruction situation database (DB3) at a thing. According to evaluation data and the contents of instruction, a participant takes out the following problem from a teaching-materials database (DB1) further, and creates the following problem report. The lecture (lesson) is carried out by this repeat. If the duplicate of transmit data is recorded on database equipment at coincidence in case data are transmitted with each sending set, the preparation to data missing will also become thoroughgoing.
[0006]
[Effect of the Invention] As stated above, the remote instructional management system of this invention has structure independent of hardware, specific software, or a specific management system, since it can check a lecture operation person's (lecturer) instruction situation, and a service situation by managing the educational contents by which a secretariat goes via a network top, can prevent injustice and negligence and can raise the educational quality. Moreover, if the duplicate of a lecture operation person's (lecturer) transmit data is kept with the managerial system with this managerial system, thoroughgoing

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correspondence is possible also when data are often eliminated by the operation mistake when using a network, or data have been lost by a certain cause.

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]
[Drawing 1] It is the block diagram having shown the remote instructional management system in one example of this invention.
[Description of Notations]
P1 Computer for secretariats
P2 Computer for lecture operation persons (lecturer)
P3 Computer for participants
S1 Remote instructional management system
DB1 Teaching-materials database equipment
DB2 Study situation database equipment
DB3 Instruction situation database equipment
T1 The data source for lecture operation persons
T2 The data source for participants

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